IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :
                          : Group Art Unit: 1753
    Robert Sheffield et al. :
                          : Examiner: Luan V. Van
Appln. No.: 10/667,491 :
                          : Confirmation No.: 1242
Filed: September 23, 2003 :
                          : Customer No.: 21967
For: REDUCED CIRCUIT TRACE :
    ROUGHNESS FOR IMPROVED SIGNAL :
    PERFORMANCE :

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

    Submitted herewith is a Notice of Appeal for the above-identified patent application.

[ ]   No additional fee is required.

[X]   Also attached: a Request for Pre-Appeal Brief Conference

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[X]   The fee is calculated as shown below:

	PRESENT # OF CLAIMS	HIGHEST # PREVIOUSLY PAID FOR	EXTRA CLAIMS	RATE	FEE
Total Claims	20	20		x $50 =	$.00
Independent Claims	3	3		x $200 =	$.00
		Multiple Dependent Claims Fee			$.00
		Notice of Appeal Fee			$500.00
				Subtotal	$500.00
		Subtract ½ if Small Entity			$.00
				TOTAL FEE DUE	$500.00

[X]   Please charge Deposit Account No. 50-0206 in the amount of $500.00 for the above-indicated fees.   A duplicate copy of this transmittal is submitted herewith.

[X]   The Commissioner is hereby authorized to charge any shortage in fees under 37 CFR 1.16 and 1.17 associated with the filing of this communication, or credit any overpayment, to Deposit Account No. 50-0206.   This authorization does not include any issue fees under 37 CFR 1.18.   A duplicate copy of this transmittal is submitted herewith.

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Respectfully submitted,

Hunton & Williams LLP

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